

PVK Sriram

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Career Objective

As a recent graduate, I am seeking opportunities to apply my [specific skills] and contribute to impactful projects. Passionate about continuously improving and staying updated with industry trends to deliver high-quality results.

Education

Vignan's Institute of Information Technology *Computer Science Engineering* *Sept 2020 – April 2024*
◦ GPA: 8.3

Skills

Programming Languages: Python, C, JavaScript

Web Technologies: HTML, CSS, Bootstrap, Angular, React.js

Back End: Node.js, Express.js, Django

Databases: MySQL, MongoDB

Tools & Others: GitHub, Postman

Projects

Multilingual Movie Management Platform

- Engineered a multilingual movie management platform with full CRUD functionalities and dynamic movie listings.
- Integrated Angular frontend with a Node.js/Express backend and MongoDB, ensuring smooth real-time data operations.
- Implemented CORS middleware to manage secure, seamless cross-origin data communication between the client and server.
- Tools: Angular, Node.js, Express, MongoDB, CORS, HTML, CSS, JavaScript.

Job Portal Application

- Created a comprehensive job portal using Django, allowing users to register, browse job listings, and apply for positions with secure, role-based access control.
- Crafted a responsive, user-friendly interface using HTML, CSS, and Bootstrap for device compatibility.
- Leveraged MySQL for efficient data management, handling job listings, user profiles, and applications with seamless backend processing.
- Tested and validated APIs and frontend functionality for seamless user experience and error-free flow.
- Tools: Python, Django, HTML, CSS, Bootstrap, MySQL.

Full-Stack Authentication System

- Built a secure backend API using Node.js and Express.js, implementing JWT for stateless user authentication and session management.
- Optimized MySQL for efficient user data storage, enabling fast data retrieval and ensuring scalability.
- Enforced role-based access control (RBAC) with JWT, securing sensitive endpoints and managing user roles and permissions to prevent unauthorized access.
- Integrated password hashing and salting techniques to securely store and authenticate user passwords.
- Developed automated unit tests to ensure the reliability and robustness of the authentication system.
- Tested API endpoints using Postman, ensuring smooth functionality and validation of authentication and authorization.
- Tools: Node.js, Express.js, JWT, MySQL, JavaScript, Postman.